REMARKS

Claims 1-18 and 20-42, 45 and 46 are presented. Claim 44 together with further dependent claims have been allowed in parent application Serial No. 09/144,096 filed August 31, 1998, of which the present application is a continuation application.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached pages are captioned "**Version With Markings To Show Changes Made**."

Action on the present application is awaited.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

1 (Amended). A method for treating or preventing pathophysiological consequences of mitochondrial respiratory chain dysfunction in a mammal comprising administering to said mammal in need of such treatment or prevention an effective amount of a pyrimidine nucleotide precursor, thereby treating or preventing said consequences; wherein said effective amount is from 0.05 to 0.3 grams of said precursor per kilogram body weight per day.

32 (Amended). A method for preventing death or functional decline of post-mitotic cells in a mammal due to mitochondrial respiratory chain dysfunction comprising administration of an effective amount of a pyrimidine nucleotide precursor, thereby preventing said death or functional decline; wherein said effective amount is from 0.05 to 0.3 grams of said precursor per kilogram body weight per day.

36 (Amended). A method for treating developmental delay in cognitive, motor, language, executive function, or social skills in a mammal comprising administration of an effective amount of a pyrimidine nucleotide precursor, thereby treating said developmental delay; wherein said effective amount is from 0.05 to 0.3 grams of said precursor per kilogram body weight per day.

41 (Amended). A method for reducing side effects of cytotoxic cancer chemotherapy agents by administering a pyrimidine nucleotide precursor, where said cytotoxic chemotherapy agent is not a pyrimidine nucleoside analog, thereby reducing said side effects; wherein said effective amount is from 0.05 to 0.3 grams of said precursor per kilogram body weight per day.